

NATIONAL
ENDOWMENT
FOR THE
ARTS

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**Grants Awarded to Individuals and Organizations
Partnerships with Public and Private Institutions**

Fiscal Year 1994

Architecture

Landscape Architecture

Urban Design

Planning

Historic Preservation

Interior Design

Costume and Fashion Design

Industrial and Product Design

Graphic Design

Design

Room 627

National Endowment for the Arts

Nancy Hanks Center

1100 Pennsylvania Avenue, N.W.

Washington DC 20506-0001

202 / 682-5437

DESIGN



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1994 DESIGN PROGRAM GRANTS

AND LEADERSHIP INITIATIVES

The Design Program of the National Endowment for the Arts distributed \$3.4 million throughout America during fiscal 1994 to individuals and organizations pursuing design excellence. The Design Program, its name recently simplified from the Design Arts Program, addressed critical national design needs and priorities important to American culture by providing grants to eighty-one projects of exceptional merit, and supervision and funding to twenty-eight projects initiated by the Design Program.

Design grants benefited the public on a local, regional, state, and national level in the disciplines of architecture; landscape architecture; historic preservation; planning; and urban, interior, industrial, product, graphic, costume, and fashion design. Eighty-one grants, \$2.2 million, were awarded in fiscal 1994 through an intensely competitive review process undertaken by a panel of nationally accomplished design professionals representing each of the design disciplines. Panel recommendations were reviewed by the twenty-six members of the Presidentially appointed National Council on the Arts; the final selection of grantees was made by Jane Alexander, Chairman of the National Endowment for the Arts.

During fiscal 1994, twenty-eight Leadership Initiatives—those projects supervised by the Design Program—served the public by cultivating good design of our homes, neighborhoods, and cities, as well as our landscapes and the products we use daily. The Design Program invested \$1.2 million in these Initiatives after a process that included identifying action needed through careful staff analysis of grant applications, comments from the field, and discussions with overview and application review panels; and approval through the same peer review system used for selecting grants.

On the following pages are a description of each of the 109 projects supported during fiscal 1994 by the Design Program of the National Endowment for the Arts.

For additional information contact the Design Program, (202) 682-5437 Fax., (202) 682-5669

DESIGN PROGRAM GRANTS

Fifty-five design grants, \$1.8 million, were awarded to organizations including local and state governments; local, state, and regional arts agencies; organizations awarding design fellowships; community and neighborhood organizations; colleges and universities; and independent non-profit groups and institutions. Each organization matched the Design Program grant, providing the total funds necessary for a design undertaking of local, state, regional, or national significance. Organizations were awarded fiscal 1994 grants from the following categories:

- Project Grants for Organizations
- Planning Grants for Rural and Small Communities
- Project Grants for Design Education
- Project Grants for Design History and Documentation
- Planning Grants for Arts Facilities Design

Twenty-six design grants totaling \$400,000 with no matching requirement were awarded to professional designers and other individuals, enabling them to pursue design projects benefiting citizens across America. Individuals were awarded fiscal 1994 grants from the following categories:

- Project Grants for Individuals
- Individual Grants for Design Innovation
- USA Fellowships

Project Grants for Organizations

Project Grants for Organizations promoted the practice of design as an art form that embraces aesthetic, economic, and utilitarian issues. Projects supported through this category advanced design practice, research, theory, and communication.

American Institute of Graphic Arts

New York, NY

\$43,800

This grant supported development of a traveling exhibition that investigates graphic design as a mediator between information and understanding, and how the meaning and use of the images created shape our daily lives. Designers and their clients have introduced a diversity of styles and methodologies to contemporary media, from small circulation magazines to cable television. The exhibition will analyze the form and meaning of books, magazines, film and television graphics, environmental signage, corporate identity programs, and experimental design research. Organized in partnership with the Cooper-Hewitt, National Museum of Design, the exhibition will open at both venues, the AIGA galleries and the Cooper-Hewitt. An exhibition catalogue as well as lectures, classes, and seminars will complement the show, which, after its opening in New York, will be toured across the country.

Architectural League of New York*New York, NY***\$28,000**

This grant supported a symposium and collaborative installations, "Architectures of Display," examining the overlap of space, information, objects and individuals in today's complex technological culture. "Display" is understood here as the presentation of objects for viewing (as in a museum), to attract attention (as in a department store), to convey information (as on a computer screen), and to demonstrate a sense of unity (as in a public rally). Display also involves the space in which all of this takes place, space which is necessarily configured or framed in particular ways. It is on these relationships and their many implications that this symposium and group of installations will focus. The symposium will bring together experts in the fields of architecture, art history, geography, philosophy, and cultural criticism.

California State Polytechnic University*Pomona, CA***\$49,800**

This grant supported development of an integrated course in applied creativity, combining the disciplines of design, engineering, and business. Faculty from these three disciplines will collaborate to develop a prototypical course where design is an important element of business success integrated with quality and entrepreneurship. This integration demonstrates the power of design in addressing economic and social problems. The students will acquire an understanding of the interdependence of design, quality, and entrepreneurship. Course development will provide the opportunity for the professional growth of faculty members and will strengthen their commitment to design-based multi-disciplinary education.

Chicago Horticultural Society*Glencoe, IL***\$50,000**

This grant supported development of a master plan for the Chicago Botanical Garden. The first phase will consist of a symposium involving staff from other institutions, multi-disciplinary teams of consultants, professionals and constituents in an examination of issues facing the Garden. The second phase will implement the information gathered at the symposium to create a new plan for the 300-acre site. This master plan will enable the Garden to continue delivering quality services to its visitors, most notably through its collections, interpretation, education and resources. The public nature of the planning process will contribute to the Garden's educational mission.

Concerned Citizens for Humanity, Ltd.*Hartford, CT***\$50,000**

This grant supported the creation of a graphic design poster series and public education campaign to combat drug addiction. A team of graphic designers will collaborate with prisoners from the Connecticut Prison Association Art Program for creative input to address the theme of physical and behavioral addictions such as alcohol, drugs, gambling, and nicotine and their effects on family function. This project will build on past work by the Concerned Citizens for Humanity, which has examined other critical contemporary problems—homelessness, teenage drug abuse, AIDS, and domestic violence—through graphic design. 5,000 copies of 6 different multi-lingual posters will be distributed statewide by the Connecticut Department of Public Health and Addiction Services, AIDS Division.

Cooper Union for the Advancement Science and Art*New York, NY***\$42,000**

This grant supported production of a catalogue to accompany an exhibition examining the social, political, and design issues inherent in major public works projects. This exhibition, "Essential City: Public Works and the Foundation of Urban Life," will highlight case studies of the George Washington Bridge, the Chelsea Piers, the Carnegie Libraries program, and the New York water supply system. Critical contemporary realities regarding infrastructure make this a timely and valuable show. It will provide a critical forum for examination and discussion of municipal decision-making and future undertakings.

Cooper Union for the Advancement of Science and Art*New York, NY***\$50,000**

This grant supported production of a catalogue to accompany an exhibition examining the influence of graphic design on broadcast journalism. Using archival footage from network news, the project will show how computer graphics affect and shape the news. The graphics will be studied as a complex and persuasive rhetoric intended to articulate and manipulate information. The exhibition will include comparisons of graphics from the 1950s through the present, a review of graphics barred from broadcast, and an assessment of the editorial process involved in designing the news. This request will support the catalogue with essays by graphic designers, art historians, and journalists.

Design History Foundation*Brooklyn, NY***\$30,000**

This grant supported development and publication of a special edition of *PLACES, A QUARTERLY JOURNAL OF ENVIRONMENTAL DESIGN*, dedicated to sustainability. *PLACES* will compile and publish an issue to examine how design can enrich understanding of sustainability and encourage greater citizen involvement. Sustainability refers to the ability of society to satisfy current needs without diminishing prospects for the future. Articles will include profiles of places whose design not only embodies principles of sustainability, but makes them meaningful and memorable, and case studies of exemplary efforts to advocate and educate for sustainable environments. This will help to put theories of sustainability into practice. It will encourage communication among the design disciplines; and promote greater understanding among public officials, scholars and other individuals.

Early Childhood Facilities Fund*Pennington, NJ***\$50,000**

This grant supported a design conference and competition to advance healthy childhood development and create functional, affordable design for Head Start facilities. This competition will benefit from the inclusion of Head Start staff and parents, who will provide user information to the architects and interior designers. The conference will also include other organizations involved in child care and environmental psychology. The conference will set the framework for a juried competition, the results of which will be published in a user-friendly guide.

East Tennessee Community Design Center, Inc.*Knoxville, TN***\$40,000**

This grant supported implementation of rural design and development in East Tennessee communities. Building on a demonstration project using rural planning guidelines of Robert Yaro, the process involves local resource assessment, community visioning, and design strategy. Participating communities will vary in size but will share the common need for economic development without jeopardizing natural beauty and cultural landmarks. In an area that often questions zoning and land controls, this is especially significant and timely. The East Tennessee Community Design Foundation has over twenty years of experience delivering design services to its region.

Hawaii Labor Heritage Council*Honolulu, HI***\$50,000**

This grant supported architectural design and lighting fees for the restoration of an important fresco and interior renovation of the Hawaii Labor Heritage Council's Union Hall. The modest Longshoremen's and Warehousemen's Union Hall conceals a historic three-story fresco, painted in 1951 by Mexican muralist Pablo O'Higgins, which depicts the history of Hawaii's labor struggle, and the efforts to establish the Union. Re-design of the staircase and lobby will provide new public access to the artwork. In addition to the daily business conducted there, the building is visited by schoolchildren on weekly field trips, artists, art scholars and historians, as well as other tourists interested in the mural. Although the significance of the project centers on the mural itself, its architectural setting is vital. Viewing of the mural is not a passive or static experience, but one of movement and participation as one ascends the staircase. This public artwork remains integral with the place and the purpose for which it was created.

Katonah Museum of Art, Inc.*Katonah, NY***\$40,000**

This grant supported development of an exhibition of experimental structures designed to introduce children to architecture and the experience of space. Designed to travel after a six month showing at the Katonah Museum of Art, the installations will be by contemporary architects and artists. Participants will be Clifton Balch, Moji Baratloo, Allen Wexler, Steve Brittan, Ted Krueger, Ken Kaplan, Taeg Nishimoto, Donna Seftel, and Donna Dennis. Guest curator will be Jane Dodds. The exhibition will feature workshops, performances and a catalogue.

Los Angeles Forum for Architecture and Urban Design*West Hollywood, CA***\$15,000**

This grant supported production costs for publications on contemporary issues in urban design. The first publication will introduce the work of contemporary Los Angeles urban theorists, whose approach applies characteristics of economic and spatial development and its relationship to broader changes. Due to the importance of the aerospace and film industries, this theoretical framework can be applied to other urban areas and conditions. The second issue will focus on the privatization of public space. The growing presence of gated communities, exclusive shopping centers, self-sustaining mixed use complexes, and fewer truly public plazas has contributed to a divisiveness in urban design. Specific elements such as zoning controls, street barricades, parking restrictions, security cameras, and camouflage efforts affect both the physical and psychological urban experience. These publications will promote debate and discussion of these issues.

Municipal Art Society*New York, NY***\$45,000**

This grant supported an exhibition, publication, and symposium on the African Burial Ground site recently discovered in lower Manhattan. The Municipal Art Society will sponsor an idea and design competition to solicit ideas for commemoration of this important landmark, the only known pre-revolutionary African-American cemetery in the U.S. Working with the New York Coalition of Black Architects, National Organization of Minority Architects, the Municipal Art Society will exhibit the entries, hold panel discussions and produce a catalogue. This discovery has brought attention to a critical chapter in New York's history: Africans were brought to "New Amsterdam" as early as 1620. Throughout the 18th century they comprised up to a quarter of the city's population. The area near the site was a flourishing African-American community in the early 19th century, during which time the earliest African American businesses and cultural organizations, such as newspapers, schools and churches, were being developed. The competition will demonstrate the range of options for commemoration of the site. Through the exhibition and panel discussions, public debate and discourse will be encouraged. The Municipal Art Society will exhibit the show in Washington, DC, traveling from New York in the Spring of 1994.

Museum of the Great Plains*Lawton, OK***\$39,911**

This grant supported the development of an exhibition and catalogue to document and promote the preservation of historic barns of the Great Plains. Only a few barns in this region have been adequately documented and protected, yet the area features a great number of architectural styles. Usually built of local materials and construction methods unique to their time and region, the barns are important to architectural and agrarian history. The project will involve the photographic documentation of approximately 250 barns, including salt-box roof, hip-on-gable, Finnish arched roof, quarried-stone bank barns, and others. A catalogue will be produced to accompany the exhibition, which, after its opening at the Museum of the Great Plains in Lawton, Oklahoma, will be available for touring throughout the region and country.

Museum of Modern Art*New York, NY***\$50,000**

This grant supported an exhibition about the architecture of Frank Lloyd Wright to be shown at the Museum of Modern Art. "Frank Lloyd Wright: Architect" will be a comprehensive examination of Wright's entire career, and is being planned with the Frank Lloyd Wright Archives at Taliesin West. This partnership has afforded the curators unprecedented access to the vast holdings of the archives. The exhibition will present original drawings exhibited for the first time, scale models, photographs, five full scale reconstructions, objects, and architectural fragments. The intention of this retrospective is to introduce a broad re-evaluation of a highly regarded architect in this country's history, by providing insight on under-examined aspects of his work while enhancing public awareness. The exhibition will encompass the broader issues of Wright's work, including interpretations of nature and technology. The exhibition will promote the critical discussion of the architectural and cultural issues and examine influences on the development of his work. The exhibition will be accompanied by an illustrated publication with essays by Wright scholars, a brochure and educational programming.

National Trust for Historic Preservation in the United States*Washington, DC***\$45,000**

This grant supported the Spanish-language translation of materials for the National Trust's Main Street Center, dedicated to the revitalization of historic commercial districts. These materials will train leaders in communities and will include manuals and a videotape. The grant will be used to retain professional translators; replace select graphic images with those of architectural and cultural resources relative to Spanish communities; conduct a peer panel review of the translations and slides; produce new manuals and a videotape; record the script in Spanish; and promote the use of these materials. Since 1980, The National Main Street Center has worked in more than 840 communities using a four-principled approach to revitalization: design, organization, promotion, and economic restructuring. The program has enabled over \$2.9 billion to be reinvested. These communities have experienced \$22 of new investment for every \$1 spent to support the local Main Street Program.

New Breed Community Council Inc.*Philadelphia, PA***\$25,250**

This grant supported a design competition for proposed improvement of Philadelphia's Baltimore Avenue corridor. Baltimore Avenue crosses through several neighborhoods which in the past several decades have undergone dramatic economic decline. Once thriving urban residential neighborhoods have shifted to troubled vacant strip shopping centers and derelict housing. With the support of the City and the local American Institute of Architects chapter, a design competition will result in a master plan to suggest possible transformations for this important urban corridor.

New Mexico Community Foundation*Santa Fe, NM***\$49,960**

This grant supported a training program on preserving historic adobe structures and churches of the region. Building upon an impressive track record of training, advocacy, and preservation, this project will enable the Foundation to continue its charge and promote the practice of adobe conservation and preservation. A special effort will direct attention to the education and training of youth, so that the expertise and commitment to saving such structures will be passed on to future generations.

North Carolina State University*Raleigh, NC***\$22,700**

This grant supported development of curriculum materials for the training of early childhood level teachers that emphasizes satisfaction of child development objectives through the design of child care spaces. In recent years there has been a surge in the construction of child care facilities and in the number of preschool teachers. Although research exists that equates the design of child care centers with emotional and cognitive child development, efforts have not been made to train teachers about spatial design principles. This is an important issue because decisions about playroom organization are usually delegated to teachers. The program will be tested and the materials disseminated by the State Department of Community Colleges, Early Childhood Program.

Parks Council, Inc.*New York, NY***\$32,500**

This grant supported a program to design, develop, and reclaim abandoned, city-owned vacant land, creating educational resource centers and community gardens. Based on a successful pilot in Harlem, this project will be led by a landscape architect working with students and community members in three neighborhoods. Master plans for a new series of "Success Gardens/Environmental Learning Centers" will be carried out in the South Bronx, East New York, and Brooklyn. Organized through the Green Neighborhood Program of the Parks Council, this project wisely ties the gardens to institutions that exist in every community to ensure sustained management and a sense of community ownership.

Partners for Livable Places*Washington, DC***\$32,750**

This grant supported a conference examining issues regarding the livability of communities for older Americans. "Retrofitting Communities: Accommodating Aging in Place" will stimulate thinking and build awareness of modifications that can be made in transportation systems, architectural design, land use planning, zoning codes, and service delivery to allow individuals to stay in their homes and communities as they age. Guided by an advisory council, Partners for Livable Places will gather information on successful strategies that communities have used. A design and idea competition will be developed to create a public dialogue and encourage innovative approaches to these contemporary issues.

Pauline Oliveros Foundation*Kingston, NY***\$43,000**

This grant supported design research for creating virtual acoustic environments for the national tour of "Njinga, the Queen King." In collaboration with Good Sound Foundation, the Oliveros Foundation seeks to refine and redesign this acoustic technology in all venues on the productions tour. This technology enables a variety of conditions or settings to be experienced within one physical performance space, such as the acoustics of an apartment or sounds heard outdoors, as in a jungle. The application of the portable system will have far reaching implications for design and architecture. As the production is presented in each city of the tour, performance facility managers, technical directors, designers, architects, and performing artists will be invited to experience new levels of sound quality and control in the theater. They will be shown how acoustical problems can be remedied by the application of electroacoustical techniques and low-cost, easily accessible acoustic materials, reducing the need for acoustical renovations.

Restore*New York, NY***\$50,000**

This grant supported development of a national workshop series and production of a field guide on the health and environmental hazards inherent in architectural restoration materials and processes. Restore provides critical information to an ever-changing field. Increasingly sophisticated technology is being used for the conservation of architecture, public art and monuments, making it essential to have information about the impact of procedures and materials such as chemical cleaners, coatings, epoxies, and consolidants. The workshops will cover topics such as coatings and chemical consolidants for masonry materials, current practice and technology of cleaning masonry structures, lead abatement in historic structures, and composite repair techniques. Four workshops will be held in Boston, Chicago, New Orleans, and San Francisco.

Rocky Mount/Edgecombe CDC*Rocky Mount, NC***\$25,000**

This grant supported a collaboration to revitalize a national historic district, and celebrate the African-American heritage of the community through public art and design. Guided by a public art and design master plan, an architect and two sculptors will develop a design for the Hill Street entrance and new pedestrian pathway, critical components of the South Washington Street Community Revitalization Project. The artist and designers were selected after a national search to address this significant access point. The site is visible from the dividing railroad tracks which traverse north and south along South Washington Street, the main business avenue of Rocky Mount. The pedestrian gateway will be an important addition to the overall success of the revitalization project.

Rural Opportunities, Inc.*Camp Hill, PA***\$21,000**

This grant supported the design of housing for migrant workers which better serves their needs. Through a design process that includes input from farm worker advisory groups, designs will be developed for seasonal and year-round occupancy. The design solutions will be disseminated nation-wide and made available to non-profit groups dealing with building and ownership issues for migrant workers. Additionally, a set of recommended guidelines will be compiled to help inform state legislation efforts. Rural Opportunities Inc. has a strong track record of serving farm workers and rural populations with special needs.

Sculpture in the Environment, Inc.*New York, NY***\$50,000**

This grant supported the national implementation of an educational program in architecture for minority students and at-risk youth. This proposed grant will support the second phase of a successful program, designed to enable high school students from disadvantaged backgrounds to acquire an understanding of design. An after-school program, the pilot group in New York met weekly for a twelve-week semester. The students participated in introductory architecture sessions, site visits to architectural firms, tours of the city, including commercial office space and retail design, perspective drawing, model making, and real estate development classes. This project will take the program to Baltimore, Los Angeles, Atlanta, San Francisco, West Lafayette, Alexandria, and Philadelphia.

St. Ann Center for Restoration and the Arts, Inc.*Brooklyn, NY***\$48,898**

This grant supported a component of the St. Ann Center for Restoration's "American Heritage Jobs Initiative." Established to develop skilled artisans in stained glass, iron, wood, and stone conservation, this program combines on the job training and related theoretical instruction and application to apprentices, college interns, co-op students, and inner-city youth. Funds from this proposed grant will be applied toward the stained glass apprenticeship program, with the overarching goal of training a new generation to tend to this country's historic architecture and national monuments. St. Ann's is currently working with state and city agencies to gain state accreditation for the program and to identify potential work-force populations within local communities.

Young Aspirations/Young Artists, Inc.*New Orleans, LA***\$50,000**

This grant supported development of portfolio materials to introduce Print YA/YA's fabric design and production workshop. To meet needs associated with the expansion of its design arts training program, the design portfolio will feature fabric samples and prototypes of screen-printed items produced by YA/YA artists. It will be used as a marketing tool to promote Print YA/YA's yardage and production line, which will include interior home furnishings: pillows, drapes, and rugs, as well as clothing and bags. Print YA/YA will complement the other programs, especially YA/YA's nationally recognized painted furniture. YA/YA has proven to be an effective job-training and production facility for student artists aged 15-23, in fabric design, screen-printing, and the entrepreneurial aspects of operating a professional workshop.

Planning Grants for Rural and Small Communities

Planning Grants for Rural and Small Communities provided assistance to non-urban areas that are addressing planning and urban/rural design issues, particularly growth management and its effect on their communities.

Almena Business Development Corporation

Almena, WI

\$20,000

This grant supported the development of a comprehensive, community-wide land use manual with design guidelines for the rehabilitation of a rural business district. The proposed grant will support professional design assistance, a series of public planning discussions, and distribution of a formal planning document. Since 1990, a concerted, broad-based effort has been in place to attract new industries and jobs to the community. An increasing development pace now threatens to compound old land use problems associated with a mix of agricultural, residential, industrial, and commercial uses. This process will help the community address issues of safety, aesthetic identity, and growth management.

Crested Butte Land Trust

Crested Butte, CO

\$7,411

This grant supported a land management plan for the Crested Butte Land Trust. This project will address a 50-acre parcel within the Gothic Road corridor, between Crested Butte and Mt. Crested Butte in the west central section of Colorado. Pressured by the growth of tourism and skiing, as well as an increase in vacation home purchases, the region is struggling with maintaining a balance between ranching and mining uses and those of tourism and recreation. The intent of the project is to develop a plan that will meet the various, and often divergent, needs of the residents. Demands on the land and built environment include recreation, ranching, habitat preservation, wetlands protection, and definition of the urban corridor. This plan and a companion workbook will assist the region in setting up a standard land management system for Trust lands. It will also set a precedent for future acquisitions and a model for other land trusts to follow.

LBJ Heartland Council

Fredericksburg, TX

\$20,000

This grant supported rural conservation and planning in the Texas heartland, a four-county rural area in the Texas hill country. The hill country is a region of small, culturally rich, rural communities and farmsteads of remarkable biological diversity. In cooperation with local programs, the Nature Conservancy, the National Trust for Historic Preservation, and State agencies the LBJ Heartland Council has developed a regional, grass-roots approach to conservation and development. Through portable exhibits, slide presentations and workshops, planning and design concerns will be conveyed to the viewer.

Tesuque Land Trust

Tesuque, NM

\$20,000

This grant supported development of a land use plan for Tesuque, a Northern New Mexico village. This proposed grant will assist the Tesuque Land Trust in developing a community-based plan. It will enable a cross section of lay people (residents) and professionals to respond to pressing needs and future development pressures as well as growth needs. Specifics such as sewage treatment, and residential and commercial safe ground water will be examined within the larger issue of preserving the region's fragile cultural, natural, and historic integrity.

Project Grants for Design Education

Project Grants for Design Education reached out to people of all ages, in academic and informal settings. Projects funded through this category included efforts to help produce educational materials, develop curricula integrating design with other subjects, and create teacher training programs.

Chicago Architecture Foundation

Chicago, IL

\$25,000

This grant supported a design education program geared toward architecture and the built environment. In order to address the problem of lack of design education available in the schools, the Chicago Architecture Foundation (CAF) proposes to develop a program for elementary students and teachers to learn about the historical evolution, aesthetics, and principles of design and architecture, and integrate these subjects into the curriculum. For over 20 years, CAF has been working to bring design education and architecture into the elementary and high schools. This program will include a curriculum, materials, assessments, teacher training, and support, motivating students with exciting subject matter, helping students become active learners who can formulate judgments, use their creativity to solve problems, communicate effectively, and understand their environment. The program will be taught at various grade levels to integrate design education into the social studies, language arts, math, science, and art curriculum. CAF will train teachers and volunteers to implement the program, produce teaching materials to support the curriculum, and assess and evaluate the program. Chicago's built environment provides a unique opportunity for learning, as it beautifully illustrates the principles of architecture and design.

Eli Whitney Museum

Hamden, CT

\$21,000

This grant supported the translation of design problems into problem-solving curriculum to develop teaching tools for 4th, 5th, and 6th grade students. The "Leonardo Project" is a program of the Eli Whitney Museum which introduces the disciplines of design: architecture, stage design, graphic design, and engineering of structures and machines to children. This program will create 15 design problem statements adapted from ideas taken from Leonardo DaVinci's notebooks. The problems will explore the nature of design; challenge classroom obstacles to experimental learning; merge math, science, and art; promote communication; guide teacher presentation; and prepare students to create solutions in school and at home. A digital record of the students' work will test the effectiveness of the design problem statements as it explores the nature and importance of design. The Connecticut State Department of Education is interested in this project, which will serve as a model for teacher training and will be disseminated nationally by the Association of Science and Technology Centers through touring exhibitions on Leonardo developed by IBM.

Foundation for Architecture*Philadelphia, PA***\$25,000**

This grant supported the evaluation and testing phase of a design education program. This education program is recognized nationally and internationally as a model in teaching K-12 students about the built environment. It is interdisciplinary in approach and is integrated into the established curriculum in the related subject areas of math, language arts, science, social studies, environmental and technology education, and the arts. Design professionals and university students representing architecture, planning, landscape architecture, and historic preservation team up with a classroom teacher for a series of lessons that build connections across the disciplines. Teachers discover that this interactive, interdisciplinary approach motivates students to learn skills in all the disciplines. During this phase of the Program, a focus group will devote time to testing, critiquing, and refining outcomes, which will be documented through narrative and visual records. The Program stimulates and promotes visual literacy, informed planning and decision making, self-expression and cooperative learning. Students will evaluate their own successes within the context of the broader goals of design education. The assessment tools developed may be applied by educators in any discipline to evaluate holistic education's effectiveness in classroom instruction and improve the quality of education for young people.

Harvard University*Cambridge, MA***\$25,000**

This grant supported development of "Junior Parkmakers," a program developed to expose middle school students to landscape architecture. This program will enable students to work as landscape architects and experience the environmental design process through the creation of an urban park. The idea is to introduce children to landscape architecture as a field that brings together knowledge from the arts, sciences, and humanities to achieve sustainability and balance with the natural environment. The children will be encouraged to consider the landscape and their design decisions from aesthetic, scientific, and social perspectives. The program will be evaluated for its team-based approach in applying cooperative efforts to learning and problem solving; the effectiveness of multi-disciplinary learning; and imparting the value of understanding landscape architecture. Dissemination will target municipal school and park systems, botanical gardens and museums, and will include articles in publications such as *THE PUBLIC GARDEN* and *LANDSCAPE ARCHITECTURE*, and at conferences of the American Association of Botanical Gardens and Arboreta, the American Society of Landscape Architects, and the American Association of Museums.

New York City Public Schools Division of School Facilities*Brooklyn, NY***\$24,970**

This grant supported a teacher training program to integrate principles of design into the school curriculum. This program, The School Design Curriculum Initiative, is the first city-wide effort to integrate design education into the New York City public school curriculum. It is an interdisciplinary effort using urban design, architecture, landscape architecture, planning, and historic preservation. Components of the Initiative will include a week-long Summer Design Institute featuring workshops for K-12 teachers, a panel discussion, technical assistance, production of teaching materials, and a videotape for broadcast on educational television. Workshops will teach educators ways to integrate design principles with math, language arts, social studies, and art and will include hands-on activities such as the design of communities, school buildings, playgrounds, and chairs. Museum educators and design practitioners will participate in the workshops on topics such as design and educational success, global models, architecture education for children, new technology versus classical design, teaching and the design process, and schools as community centers. This will be a collaborative effort with the Cooper Hewitt Museum, which will host the Institute and recruit participants from the design community nationwide. The program will be evaluated by the New York City Public Schools Office of Research Evaluation and Assessment. School curricula, teaching materials and an educational video will be produced and disseminated as a result of this program.

Project Grants for Design History and Documentation

Project Grants for Design History and Documentation helped preserve, collect, exhibit, and document the history of design. Projects supported through this category contributed significantly to the understanding and appreciation of a variety of design disciplines in the United States.

American Academy in Rome

New York, NY

\$25,000

This grant supported a symposium and publication entitled “Rome as a Generating Image in Architecture: 1895–1965.” Although claims about Rome’s great influence on American architects and designers are often made, no rigorous critical assessment has been done. This proposal will commission architectural and cultural historians, architects, and landscape architects to deliver papers in one of three periods: 1) from 1895 to 1910, when ancient Rome influenced America’s “Imperial” image; 2) from 1925 to 1940, when the conflict between classicism and modernism became pronounced; and 3) from 1950 to 1965, when Rome became the most active center of post-war European culture. The book will be published by Rizzoli; the symposium will take place in January 1994, and will be the chief offering of the Academy’s “Year of Architecture” commemoration of its centennial celebration.

Art Institute of Chicago

Chicago, IL

\$25,000

This grant supported planning for an exhibition on the history of industrial design in the Midwest. The history of industrial design in this area Ohio, Indiana, Illinois, Iowa, Michigan, Minnesota, Missouri, and Wisconsin is critical to the nation’s industrial and manufacturing legacy. Manufacturers of housewares such as Whirlpool, 3-M, Rubbermaid, and even Parker Pen were Midwestern-based, as were communication powerhouses such as Motorola, Zenith, and Bell and Howell. Additionally, this region is noted for its high caliber industrial design schools — Illinois Institute of Technology, Cranbrook Academy in Bloomfield Hills, and the School of the Art Institute of Chicago. This grant will support advisory committee meetings, travel, and research to assist the Museum in the production of a checklist of objects for the exhibition, slides and photographic documentation of the objects, a catalogue outline, and development of concurrent educational programming.

Columbia University in the City of New York

New York, NY

\$25,000

This grant supported development of a traveling exhibition and catalogue examining the interactions of architectural design, technological advance, and social change in the United States in the 20th century. The exhibition will trace the emergence of two building types: reinforced concrete industrial lofts designed from 1890 to 1935, and long-span, covered stadia designed after World War II. In each case, the exhibition will address the technological advances exploited by designers who created new architectural forms to serve new programmatic needs. The show will illustrate how these designers used advances in reinforced concrete to enlarge the scale and improve natural lighting in industrial buildings to serve the needs of automotive assembly line production and small-scale manufacturing in urban environments. It will also examine the use of new synthetic materials and computer-based structural analysis methods to develop lightweight, pneumatic roofs for covering large stadia. The show will detail the evolution of these roofs, and illustrate how such weather-tight spaces have become critical civic resources.

Historic Hudson Valley*Tarrytown, NY***\$25,000**

This grant supported development of a historic landscape report for Sunnyside, the mid-19th century home of author Washington Irving. A National Historic Landmark property, the 20-acre landscape had a tremendous influence on landscape design in pre-Civil War America. Sunnyside reflected the aspirations of many 19th-century Americans for a modest, democratic home removed from the crowded cities, often described as a precursor of the American suburban lifestyle. The grounds are a rare example of the Romantic aesthetic which emphasized irregular surfaces, contrasting shapes and the interplay of light and shadow over the routine and control of the classical style. The resulting historic landscape report will be important to the on going documentation of American landscape history.

Pennsylvania, University of*Philadelphia, PA***\$25,000**

This grant supported development of an exhibition of architectural drawings by Wilson Eyre, Jr., a leading figure among American late Victorian architects. Although renowned for the design of houses and gardens, his draftsmanship and writing, Eyre's work is sometimes overlooked. No critical modern monograph has been produced. This exhibition will improve the display of such drawings, by connecting the two-dimensional drawings with the buildings that resulted, using computer stations with interactive illustrated databases. The exhibition will coincide with the 54th annual conference of the Society of Architectural Historians.

Philadelphia Museum of Art*Philadelphia, PA***\$25,000**

This grant supported cataloguing of the Museum's architectural archive, documenting over 6,000 architectural renderings of its present building, a neoclassical Beaux Arts structure. Designed by Horace Trumbaur, C.L. Borie, and C.C. Zantzinger early in the 20th century during the "City Beautiful Movement", the Museum's design incorporates features from Palladio's Villa Trissino plan, together with the Renaissance concept of raising the main portion of monumental structures above a rusticated ground floor base, as well as Classical Greek Temple detailing. The Museum's archive includes over 1,800 drawings on tracing paper, 3,000 blueprints (many with original field notes), and 1,200 assorted drawings on linen, mylar, and paper, including 500 recently discovered drawings in a remote storage area of the building.

Rochester, University of*Rochester, NY***\$25,000**

This grant supported development of an exhibition and catalogue of objects produced at the Roycroft, a turn-of-the-century arts and crafts colony founded by Elbert Hubbard at East Aurora, New York. Modeled on the medieval guild system, the Roycroft evolved into a self-contained community providing manual and artistic training to develop a connection between worker and object which had been undermined by the industrial revolution. Approximately 200 examples of furniture, metalwork, leather craft, book binding, and art will be included in the exhibit. It will also address the social forces that shaped Hubbard's philosophy in developing an American aesthetic. With the assistance of the American Federation of Arts, this exhibit will include a symposium and a one-actor stage play.

Virginia Museum of Fine Arts*Richmond, VA***\$25,000**

This grant supported development of an exhibition and catalogue on American poster design at the turn-of-the-century. This exhibition will complement the Virginia Museum's internationally known collection of Art Nouveau, Arts and Crafts, Art Deco design and decorative arts collections. Never before shown in its entirety, this collection ranges from 1894 to 1905. Funds are requested to prepare, mount, frame, and exhibit the collection and produce an illustrated catalogue. The exhibition will include examples of the literary publications which were advertised through the posters, emphasize the social, historical and technological aspects of the period, and demonstrate how the poster as a form of American design became a marketing tool with significant impact.

Washington, University of*Seattle, WA***\$24,600**

This grant supported research and travel to investigate the contributions of Native Americans to landscape architecture. This project will combine the talents of two Native Americans, a landscape architecture professor and a graduate research assistant in the documentation and analysis of approximately eight different sites across the country. Sites include Poverty Point Louisiana; Chaco Canyon, New Mexico; Moundville, Alabama; and Mesa Verda, Colorado. Although anthropologists, archeologists, and others have gathered information on Native American sites, no designer has analyzed and documented its relevance to design history and landscape architecture. This project may provide reciprocal benefit by attracting Native Americans to the field of landscape architecture.

Worldesign Foundation, Inc.*Great Falls, VA***\$25,000**

This grant supported the research and planning phase for a publication, exhibition, and other programs about industrial designer Henry Dreyfuss. One of America's foremost designers, Henry Dreyfuss was renowned for the quality and user-friendliness of his designs and his commitment to integrity. The exhibition will uniquely address his legacy, through a close investigation of design process, the client relationship, and his ground-breaking attention to human factors in the execution of his work. The exhibition is planned to open in the Fall of 1994.

Planning Grants for Arts Facilities Design

Planning Grants for Arts Facilities Design enabled organizations to research, devise, and implement projects that advanced the design process in the renovation, rehabilitation, and creation of facilities that accommodate the specific artistic needs of their communities.

Ensemble Theatre

Houston, TX

\$25,000

This grant supported design fees for the renovation of an automobile dealership to upgrade the facility for the Ensemble Theatre Company. The scope of work includes enlarging the seating capacity of the theater; overhauling the insulating and air conditioning systems; installing new sound and lighting equipment; repairing the roof; and improving the facility to accommodate the youth training and outreach programs with an arena stage, dance studio, library, music room, rehearsal space, and locker rooms. With the support of a Community Development Block Grant from the City of Houston, an architect experienced in theater design has been retained to work with the City of Houston's architect in developing schematic drawings. As Houston's oldest and the Southwest's largest minority theater, the Ensemble Theatre presents works of African-American playwrights by a resident, professional company, held a playwriting competition to develop plays for young audiences, and trains children in music, drama, and dance.

Fort Mason Foundation/Cowell Theater

San Francisco, CA

\$24,000

This grant supported design fees and related costs to upgrade the acoustical environment of the Cowell Theater. Often an alternative to solving acoustical problems in a performing space is to rebuild, which is not always viable. This collaboration between the Fort Mason Foundation and the Good Sound Foundation will address acoustical problems using the Virtual Acoustical Environment (VAE). The VAE is an electroacoustic system designed and assembled by the Good Sound Foundation consisting of high quality audio equipment, digital signal processing hardware and computer equipment, and a software package specialized for the realization of virtual acoustics. Fort Mason Center is known to visitors worldwide as the successful conversion of a military facility to a public art facility. The Cowell Theater at Fort Mason Center is a popular venue for chamber music, musical theater, jazz, experimental and world music, dance, theater, film and community events. The Cowell Theater's use of the VAE will serve as a model for other theaters planning to employ portable acoustical systems, thus, helping make good sound available and affordable to performing arts organizations throughout the U.S.

Little Tokyo Service Center*Los Angeles, CA***\$25,000**

This grant supported design fees and related costs for the adaptive use of a church building as an Asian Pacific arts center. A needs assessment survey and interviews were conducted which revealed the need for alternative exhibition, performance, rehearsal, and workshop space in the Little Tokyo community. The Old Union Church was built in 1923. This Classical Revival brick building is the oldest Christian church in the Little Tokyo neighborhood. It is listed on the National Register of Historic Places, and is designated a Historic Cultural Monument by the City of Los Angeles Cultural Heritage Commission. The rehabilitation of this building will serve as a cultural resource for the community, serve as an economic catalyst, and help to eliminate neighborhood blight. The three arts organizations housed in the building - Visual Communications, L.A. Artcore, and East West Players - will be able to expand their services, providing an alternative voice for emerging artists. Visual Communications is the nation's oldest Asian Pacific media arts center. L.A. Artcore supports emerging, contemporary artists with exhibitions and educational programs. East West Players, the oldest Asian-American theater company in the United States, is a vehicle for Asian Pacific's to establish themselves in the American theater, express and preserve the community's cultural life, and bridge cultural understanding.

Near Northwest Arts Council*Chicago, IL***\$25,000**

This grant supported design fees and related expenses for cooperative, affordable housing, and commercial space for artists. The Near Northwest Arts Council (NNWAC) proposes to develop a mixed-use space, converting an industrial loft building into office space and housing for 20 artists and their families. It will be planned, designed, and managed by the resident artists. This affordable housing project, Acme Artists' Cooperative, will include commercial space for three arts organizations and NNWAC's programs. It will also provide office space for arts organizations, and after school programs for youth and adult education, and serve as a model to financial institutions to develop funding for cooperative ownership. NNWAC will produce a video to document the cooperative development, design, and management. Pre-development funding has been provided by the City of Chicago Department of Planning and Development, and the MacArthur Foundation.

Orcas Center*Eastsound, WA***\$17,150**

This grant supported design fees and related costs to expand a rural performing arts space. In order to accommodate the growing need for more efficient space, the Orcas Center proposes to expand its facility. The expansion will include additional performance, storage, set, costume and construction space, visual arts workshop and office space, dressing rooms, and artists residency facilities. Orcas Centers provides an important venue for regional and national performing artists, and serves as the local arts agency. Since it is located in an isolated area, the Orcas Center provides the only exposure to high quality, professional performing artists in the region and works with young people in the local schools. One of the Center's long-range goals is to host regional and national workshops in the arts to provide earned income and bring high quality artistic talent to the area.

Peekskill, City of
Peekskill, NY

\$17,500

This grant supported design fees and related costs for affordable housing and work space for artists. This proposal to fund the final design phase and construction drawings in downtown Peekskill's Artist District, will help revitalize a declining business district. Through its Artist Spaces Program, the City of Peekskill has attracted over 50 artists to work studios and live/work lofts, developed by the private sector at affordable rents. However, this proposal will make it possible for the artists to own their lofts and to preserve part of Peekskill's historic downtown area. The City is developing a master plan for an urban corridor to link the Artists District with the waterfront to encourage future preservation of the remaining 19th-century industrial and mercantile buildings.

Theater for the New City
New York, NY

\$13,900

This grant supported design fees and related costs for a theater dedicated to the development of work by "at-risk" children in the community. Housed in a 1938, WPA building, Theater for the New City (TNC) is the only theater serving the five boroughs of New York City using a wide range of experimental work, providing outreach programs, and encouraging new talent. This unfinished performing space, the Community Theater, will have a sprung dance floor to accommodate dance, acrobatic, gymnastic, and circus techniques, space for children to watch plays, and will use the floor for creative play. Within the last three years, TNC has broadened its audience and began an after-school program with local shelters. It initiated theater training classes for junior high school students, with a production at the end of the year. Over 1,600 children, many of them homeless, benefit from the holiday gift-giving program hosted by TNC with its annual Christmas pageant, in cooperation with the local police precinct.

Project Grants for Individuals

Project Grants for Individuals promoted design as an art form that embraces aesthetic, economic, and utilitarian issues. Projects supported through this category advanced design practice, research, theory, and communication, and helped cultivate appreciation for the public benefits of good design.

Genell V. Anderson

Washington, DC

\$25,000

This grant supported research for a book and video on the influences of Eastern and Northern African architecture on American architecture. In 1987 Ms. Anderson traveled throughout the Southern United States and West Africa to study the influences of African architecture. This research culminated in a book entitled, *THE CALL OF THE ANCESTORS*, and a twenty minute video for an exhibit at Tennessee State University's School of Architecture. The book and video was intended for African American architects and designers to focus their creative energy inward using their ancestral history as a spring board for designing. Also to find the spiritual element within the group in which a building type is intended for and design accordingly. Ms. Anderson will research and photograph cultural specific buildings and conduct an architectural search for buildings that may have had an impact upon American architecture. She will also continue to document and expand upon her earlier published information. Dr. Sulayman S. Nyang, Professor and Acting Chair of the Howard University African Studies Department will serve as editor. The National Trust for Historic Preservation has expressed an interest in publishing the work.

Tridib K. Banerjee

San Marino, CA

\$20,700

This grant supported research on retail and mixed-use developments in Southern California. This project will study a recent innovation in the retail and mixed used landscape "invented streets". These streets are either imagined and constructed from scratch, or proposed where none existed before. They are strategically located or placed within the existing urban setting. These places are primarily open air pedestrian streets, for business, entertainment, dining and shopping. This study will focus on four cases; Two Rodeo in Beverly Hills; One Colorado in Pasadena; Horton Plaza in San Diego; and City Walk in Studio City. The research will analyze ethnographic origins, document the design history and development of the spaces, and examine the public policy supporting the urban design impact.

Dominique Bonnamour-Lloyd

Tucson, AZ

\$7,000

This grant supported design development and construction drawings for an environmental/science learning habitat at Acacia elementary school, located in a rural area of the Sonoran Desert. The new structures being designed are part of an environmental research park, that is being developed by the school district, with a grant provided by Arizona Game and Fish Department. The facilities include an outdoor education center to seat approximately 30 children, and two shelters to allow observation and shading. The design will have three major objectives; to use recycled or donated materials in an innovative and artful approach, use volunteer participation, and to create an instructional environment directly connected to nature. The projects current schematic designs has already received a 1993 American Institute of Architects design award.

Deborah A. Eagle*Durham, NC***\$15,000**

This grant supported the creation of five experimental urban landscapes using abandoned or disused properties and collected waste. The goal of this project is to create public demonstration projects which exhibit the potential aesthetic value and functional uses of recycled materials. It will also provide hands on teaching tools for children and neighborhood groups on how to enhance the streetscape of their community by recycling sites currently disused. These educational vehicles will increase public awareness of the environmental issues related to recycling. Ms. Eagle will work with the City of Raleigh Planning Department in identifying the abandoned or disused properties and has selected landscape architect Marion Clark, to participate in the design and construction supervision phases of the project. The results of this project will be made available for other communities.

Leland E. Edgecombe*Hyattsville, MD***\$9,500**

This grant supported research for a guide which will evaluate the current opportunities and constraints of affordable Single Room Occupancy (SRO) housing. In the past decade a number of economic, fiscal, and demographic factors have significantly changed the outlook of housing for low-income people. As the number of poor and homeless people has increased, the stock of housing traditionally available to them has eroded, both from upgrading for higher income tenants and through disrepair and abandonment. This project will develop a design program and implementation strategy that would be immediately responsive to the context of Washington, DC, yet widely applicable to the national problem of affordable housing for single adults. Mr. Edgecombe will conduct case studies of already completed SRO projects in Washington, DC, and will identify the major issues, problems, opportunities and constraints in implementing an SRO project. The results will be used as a standardized guide for municipalities, private developers, and religious organizations in implementing affordable SRO housing.

James B. Favaro*Santa Monica, CA***\$25,000**

This grant supported the design of models and visual diagrams for the development of six future transit oriented districts in Los Angeles. For the next thirty years the city of Los Angeles is planning and building an extensive mass transit system. In an effort to maximize the benefits of public monies and coordinate future growth with the new transit system, a new joint development land-use transportation policy was created to rezone areas within a 1/4 mile radius around the future transit stops. This project will illustrate the impact the policy will have on future development in Los Angeles, and through the production of visual materials encourage ways for the policy to provide for quality buildings and public spaces. This project will serve as a model on how to integrate architectural design with urban planning and how the designs themselves work to inspire thoughtful future development in Los Angeles.

Peter A. Fillat, III*Baltimore, MD***\$25,000**

This grant supported research and design of new low income housing units for three sites in Baltimore, Maryland. Research will address the current problems of existing low-income housing design, alienation, lack of community, building maintenance and supervision. A series of alternate housing units will be designed in collaboration with the Baltimore Department of Housing and Community Development. A comprehensive urban design analysis will be done which will include three high density sites taking into consideration historic documentation, vehicular and pedestrian circulation, land use, density, topography and climate. The design will address the built environments impact on social concerns such as upward mobility, retention of density, self-worth, empowerment and community pride. Mr. Fillat's focus is to instill a sense of ownership to the residents of the prototype sites and will incorporate the needs and issues addressed by these residents at local community meetings and interviews.

Lisa D. Krohn*Los Angeles, CA***\$25,000**

This grant supported research for an illustrated report on packaging practices and their effect on the environment. This evaluation of packaging practices will not use the common criteria such as market share and costs to the manufacturer and distributor, but will consider packaging design from the perspective of energy efficiency in manufacturing, shipping and disposal. From 1985 to 1990, the amount of waste generated in this country increased by 16 percent. Of that waste, packaging was the largest component at 33 percent. This project will come up with alternatives to the marketing consumer obsession to buy products on appeal and "newness", and will conduct a design audit on the packaging methods of ten staple items in current use. The audit will analyze the present methods of packaging the item, research the history of the item and more important, document its packaging history and redesign the packaging with proposals for more eco-sensitive alternatives. The results will be a report documenting the research findings and redesigns which minimize waste.

Ramona Mullahey*Honolulu, HI***\$25,000**

This grant supported a conference for integrating design programs into the school curriculum of Hawaii. Design education offers interactive, process-oriented learning activities to prepare students for their role as informed, culturally literate, critically thinking citizens. In using design students can explore how a community environment is changed, the issues and challenges, and the dynamics of change. This provides students with primary resources for experimenting with a variety of problem-solving strategies. This project is taking the next step for design education, in developing a blueprint for implementation that identifies strategies for integrating design education into mainstream school curriculum, and defines the enabling relationships required between traditional educational institutions and design educators. Ms. Mullahey will hold a conference involving traditional and design educators from Hawaii and the mainland to collaborate on an action plan to identify ways of integrating design programs with K-12 education. This project is co-sponsored with the State of Hawaii Department of Education, American Planning Association-Hawaii Chapter in collaboration with the University of Hawaii College of Education and the design professional groups of American Institute of Architects and American Society of Landscape Architects.

Adam M. Oranchak*New York, NY***\$13,500**

This grant supported the design of a prototype for embedding computer technology into clothing. To address the concern of individuals working in isolation at computer work stations, Mr. Oranchak proposes to design computer clothing so the individual can better utilize the majority of time away from the computer workstation and therefore work more productively. By wearing a computer, individuals would adapt to using computer technology more easily and it would become second nature, as in the portable telephone, banking and shopping from the television, and faxing. The computer will be intertwined with traditional clothing material to form a tile-like or quilted appearance. The hard elements will be placed with soft, expandable elements between the circuit boards to accommodate motion. By having young people serve as a sample group to test his computer prototype, Mr. Oranchak believes their responses will more accurately suggest refinements in the prototype because of their quest and fascination with all types of new innovative technology. Learning computers in our daily environment may facilitate stronger competition with contemporaries from other cultures, some with superior educational systems and self discipline.

Jane Preddy*New York, NY***\$15,000**

This grant supported research for a manuscript on the architectural styles and history of New York City theaters from 1890 through 1990. In the history of New York theaters, much has been made of the legitimate houses in the Times Square/Broadway areas. However, a rich architectural history lies in the theaters outside this area, theaters that are the urban and social center of neighborhoods in each borough and in other parts of Manhattan. New York City and the Boroughs became, in our century, the theater capitol of the world, bringing with this an influence that set the pace, procedure and style for the Main Streets of cities across the nation. This project will describe theaters in the Boroughs and Manhattan, relating them to their immediate neighborhoods, the larger communities and to the entire nation. It will include picture sources and examples of the visuals, provide theater locations in map format, photographs, vintage postcards, and architectural drawings. The manuscript, exhibition and its future publication will provide not only a body of new information but a framework for future scholars to build upon.

Roger R. Remington*Rochester, NY***\$15,000**

This grant supported color photography and production design of a book on graphic designer Lester Beall. A pioneer of twentieth-century American graphic design, Mr. Beall was the primary American design synthesizer of the European avant-garde into American business community in the 1930's. He pioneered advertising, corporate identity design, packaging, and print media from 1945 to 1969. This project will produce a book which is primarily a visual presentation of Beall's outstanding graphic design work. The text will be supplemented with sketches and printed work, portraits, drawings and experimental photographs, many items have never been published. Mr. Remington has access to the Lester Beall archive located in the Wallace Library at Rochester Institute of Technology.

Dori S. Revay*Butte, MT***\$15,000**

This grant supported creation of a master plan and design guidelines for the Anconda-Butte Heritage Trail. This is a recreational trail along a historic railroad corridor in Montana, between the cities of Butte and Anaconda. The trail is a critical component of these communities' efforts to promote their rich industrial heritage by preserving and interpreting historic resources. The plan/guidelines will be developed through an active process, promoting public participation in program development, identifying users/activities, establishing design criteria and integrating the project with other area trails and activities. The master plan will include features of the trail; trail alignment; trailhead locations/designs; signage systems and related facilities through narrative, sketches and plans. This project is in the heart of the United States largest Superfund site; design development must coordinate with ongoing cleanup activities and offer a range of accessibility to recreational, interpretive and educational options for visitors and residents alike, while fostering economic development.

Cheryl R. Riley*San Francisco, CA***\$25,000**

This grant supported the design of wall panels for the interior of a police station and community room in the Bayview/Hunter's Point neighborhood of San Francisco. The purpose of this project is to introduce third grade children in the Bayview neighborhood to the concept of integrating design, family and ritual through art that reflects their environment and place in history. Approximately 70 students from George Washington Carver School who represent six nationalities will learn about the design process and participation in making the wall murals. The children will create visuals and icons as the focus of the murals, using materials only found in Africa and California. This community room will be made available free of charge to all organizations within the eight neighborhoods served by the Bayview Police Station. The Art Commission of San Francisco's Public Art Program has given Ms. Riley approval on her design proposal and concepts through an open competition.

Miguel A. Rosales*Boston, MA***\$25,000**

This grant supported a design manual, slide presentation and exhibit on urban infrastructure of the future. The United States is known for its efficient and extensive system of highways. Unfortunately aesthetic and urban design considerations are considered extravagant and unaffordable. Many public agencies emphasize priorities like maximum function, speed of construction, and lowest cost in their highway design. As a result, large amounts of public funds are spent on unimpressive and unattractive structures, mediocre at best, negatively affecting the public environment for generations to come. The process needs to be relearned. The public agencies that control funding for highways and the civil engineers who design them need to go beyond functional requirements to respond to civil and community needs. This project will be instructive at a national level to architects and urban designers interested in learning about highway design and process necessary to archive high quality results. Mr. Miguel will research three large scale urban highway projects currently being designed and constructed in the U.S. A manual will be produced with explanations and illustrations of design principles, guidelines, and methods conducive to aesthetically pleasing highway design. The manual will be made available to the Federal Highway Administration and interested state departments of transportation.

Anna M. Sanko*Ellington, CT***\$25,000**

This grant supported a manuscript for educators exploring architecture and its integration into other classroom subjects. Ms. Sanko has created an educational program that focuses on using architecture and design as a viable component to arts education. "Call to the Visionary" actively engages children, teachers, parents, design professionals, area businesses and community leaders in a participatory, team planning, and creative problem-solving search for solutions to existing community design problems. Teacher training workshops are conducted by volunteers from university and design communities in conjunction with area universities to provide in-service training. The ultimate goal of the program is to establish a coalition of educators to integrate architecture and design education in K-12 curriculum so every student has the opportunity to explore his/her relationship to the natural environment and develop skills to appreciate, evaluate and contribute to the design quality of the built environment. This manuscript will focus on an education program that was successful in implementing the program regionally and had an enthusiastic response from educators, governments, and the design profession. The project will formally document the program in published form, which will be distributed nationally as interest for more information increases.

Martha Scotford*Durham, NC***\$15,000**

This grant supported research for a study on graphic designer Cipi Pineles. The history of graphic design is relatively a new field, and it has been introduced primarily through the adaptation of art history. While this is a seemingly natural extension of the well-established field, art history brings with it many narrow and damaging biases and assumptions which have limited its usefulness to graphic design history. This project will redress the limitations on the inclusion of women and their experience, the devaluation of applied arts, and the marginalization of creative work produced by collaborative effort. Cipe Pineles is important to the history of American graphic design because she is the first female designer to become prominent and acclaimed within the profession for her innovative work in editorial design and art direction. She also propagated the European ethic of balance and harmony in what at the time was commercial art. As an educator she strove to get the message across that design was not cosmetic, but a substantive part of an overall editorial program. Ms. Scotford, will address issues related directly to problems with studying graphic design, magazines, women and popular culture, and women designers.

Suzette Sherman*Cold Spring, NY***\$25,000**

This grant supported research on all the possible ecological design options that can be incorporated during the design process and examine case studies illustrating ecological design implementation within corporations. Designers now understand that the majority of decisions concerning the environmental impact of product and packaging occurs during the actual design process. It has been estimated that of the almost 12 billion tons of hazardous and non-hazardous waste generated in the U.S. each year, product, package and graphic designers are in some way accountable for over half of this waste. Designers need to be educated on design decisions that effect the worlds ecological needs. This includes material specifications, manufacturing processes, size, weight, color, retail presentation and ultimately consumption of their designs. This research serves to guide product, package and graphic designers through their own methodologies towards including an ecologically considerate design agenda as a part of their own design process. Van Nostrand Reinhold has committed to publishing Ms. Sherman's findings.

Julie L. Sloan*Brewster, NY***\$14,900**

This grant supported photography and research for a book on stained glass designer John La Farge. This study will examine about 200 of La Farge's most significant window commissions in full color illustrations. The research will explore the evolution of his style, the improvements of stained glass materials, his abilities as craftsmen and the artistic climate in which he worked. John La Farge was one of the most important American stained glass artists from the late 1800's. His technical developments and artistic achievements transformed the medium into a uniquely American art form. This research will also explore his relationship with Louis Comfort Tiffany, and other decorative artists that influenced him or created artistic competition.

Meredith C. Taylor*Corrales, NM***\$20,000**

This grant supported the design of a multimedia teaching tool for educating children on Southwest architecture. This prototype will be a multi-lingual learning package on Southwest architecture for children to visually perceive and understand their designed, built, and cultural environment. The proposed project is an idea use of computer technologies for curriculum integration. Architecture is a field of study which combines the technical, the artistic, the economic, and the physical. The incorporation of architecture in interactive media adds an active dimension to the entire learning approach and away from flat fragmented learning. This educational tool will make visual technology available so students can walk through and study the type of buildings of the Southwest, zoom in on the ornamentation or details used in its construction, understand its geography, the cultures which formed it, their value systems, and make critical aesthetic judgments.

Jack Travis*New York, NY***\$10,000**

This grant supported a book on primarily unbuilt works of African American architects and interior designers. This book will address two related issues of great importance to the architectural profession and society it serves. Who takes up the practice of architecture and what kind of architecture is the result? It will focus on the talents of African American architects and designers who have not yet necessarily established private practices or completed actual buildings. These contributions may be largely theoretical and will make significant contributions to the correction of misleading perceptions. This book follows Mr. Travis first book *AFRICAN AMERICAN ARCHITECTS IN CURRENT PRACTICE*, which was a compilation of the works and thoughts of several of our countries most successful black architects.

Jay A. Waronker*Cambridge, MA***\$9,800**

This grant supported written documentation and watercolored drawings on the architectural history of synagogues in India. The religious diversity in India has played a significant role in shaping the historical and cultural development of the country. This diversity is evident in its religious architecture, the temples, mosques, churches, synagogues, and other places of worship. The research will review a variety of building traditions but also document the cultural attitudes that are manifested in or attached to architecture. No book currently exists devoted to the study of the Indian synagogues, and due to the sharp decline of the Jewish population, few people maintain the deteriorating synagogues. For each synagogue Mr. Waronker will include a site plan and one watercolored freehand drawing of the exterior and one watercolored view of the interior. Maps indicating the locations of the synagogues will also be produced.

Individual Grants for Design Innovation

Individual Grants for Design Innovation helped professionals resolve current design problems by exploring alternative solutions. Projects supported through this category explored new fields of endeavor which have not received a high level of attention, and considered traditional design problems utilizing innovative methodologies.

Steven A. Cooke

Lutz, FL

\$10,000

This grant supported development of design guidelines, drawings and models of a relocatable classroom prototype. The use of relocatable facilities for instructional environments has increased over the last 30 years in response to growth in student enrollment, shifting demographics, aging schools, and the weakened fiscal conditions of school districts. In Florida the relocatable is increasingly being used to respond to these growth and fiscal challenges, but the possibilities for design improvement and innovation of this type of learning environment have not yet been fully realized. This project will research the current concerns of the quality of the physical classroom environment, facility planning, construction methodology, economics and current uses and impacts on existing facilities. Mr. Cooke is the principal investigator for this project and is working with the Florida Center for Community Design and Research at the University of South Florida.

Jeffrey M. Harrington

Sunnyvale, CA

\$9,500

This grant supported the design of an internal transmission for a bicycle prototype. Bicycling today has become more popular than any other time in history, and this is due to the advances that have been made in bicycle design in the last decade. Mr. Harrington feels their are design problems the major bicycle companies are not addressing. The major weak-point in current bicycle design is the gear shifting system. Broken chains and derailleurs are a regular occurrence in high level riding. On the current bicycles today derailleurs are used for shifting gears, but they are an external spring loaded device and need constant adjustment and are plagued with problems. His intention is to design a fully suspended, internal transmission bicycle. This new prototype will experiment with an internal method of shifting gears using high molecular plastic which are self lubricating, very durable, can withstand high heats, and are non-corrosive in any climate.

USA Fellowships

USA Fellowships helped designers and other individuals working in design-related professions pursue independent study and travel within the United States. Through these fellowships, professionals with potential for making outstanding future design contributions increased their first-hand knowledge of American design.

David P. Brodherson

New York, NY

\$20,000

This grant supported research for a book and exhibit on the history of American airport policy, planning and design. This book will enable historic preservationists to protect old airports and travelers to enjoy them. It will also help architects, engineers, planners, and policy-makers understand the impact of the current airport development process. Airports are often massive urban and national gateways with extraordinary, environmental impacts. Periodically they can be irritatingly inconvenient or uncomfortable building complexes perpetually under construction; sprawling, often controversial and always, costly public works projects. Few studies have placed the planning and design of the local airport in a comprehensive, historical context linked to the creation of a nationwide system. This project will help resolve current problems faced in the improvement of airports and air transportation and document the circumstances leading to the great achievements made in airport design enabling the public to preserve or repeat them more readily.

Tom R. Hardy

Stamford, CT

\$20,000

This grant supported travel to U.S. technical industries and analysis of design's effectiveness at improving America's economic competitiveness. The research will address the current design-related capabilities of key US technology intensive industries to meet the challenges of economic competitiveness in the global marketplace. The focus will be on nine US technology sectors that represent a broad cross section of the American economy. Together, they account for more than \$1 trillion of sales and employ about 12 million people. These industries include: aerospace, chemical and allied products, computers and software, construction, drugs and pharmaceuticals, electronic components and equipment, machine tools, motor vehicles, telecommunications. The project report will serve as a reference for future private and public sector efforts to enhance American competitiveness, and create new jobs. Mr. Hardy is a strategic design planning consultant and the former corporate manager of IBM product design.

DESIGN PROGRAM LEADERSHIP INITIATIVES

Fiscal 1994 Leadership Initiatives increased design awareness and improved design quality by combining Design Program efforts with those of other organizations across the U.S. Twenty-eight such partnerships were in operation during fiscal 1994, funded by the Design Program in the current, or a previous, fiscal year through a cooperative agreement, contract, or interagency agreement. All Leadership Initiatives receive input and ongoing management from members of the Design Program's Leadership Staff. During fiscal 1994, the Design Program invested \$1.2 million in thirteen of its twenty-eight leadership initiatives.

Leadership Initiatives Funded During Fiscal 1994

The following Leadership Initiatives received fiscal 1994 funding, and, if ongoing, may have received funding in previous fiscal years:

Design as a Catalyst for Learning

Cooperative Agreement with Organization and Management Group, Inc., \$72,000
Philadelphia, PA

Design as a Catalyst for Learning is a research and documentation project to demonstrate the potential of using design across the curriculum in American elementary and secondary schools. In late 1993, Organization and Management Group, Inc. sought nominations of teachers using design techniques.

Design Access*Cooperative Agreement with the National Building Museum, Washington, DC***\$290,750**

Design Access is a new initiative that provides information on all Design Arts grants and most initiatives awarded since 1967 as well as on design organizations, resources and events in the design fields throughout America. Through a computerized information service and publications, Design Access establishes links among discipline-specific design services rather than re-creating them, directing users to existing resources. The resulting exchange of design information and expertise enhances interdisciplinary communications among civic and academic institutions, professional associations, non-profit and advocacy groups and citizens' organizations concerned with vital design issues. Design Access' information services are provided free of charge and the organization's offices, located in Washington DC's historic Old Pension Building are open to the public. In 1995 Design Access' information data bases will be available on-line.

Marketing support for "Toward Universal Design" video*Cooperative Agreement with the National Building Museum, Washington, DC***\$41,000**

"Toward Universal Design" is a 15-minute video on the design of products, buildings, and public spaces for people of all ages and abilities. The video was produced by the National Rehabilitation Hospital in Washington, DC, in conjunction with industrial designer James Mueller, one of the original creators of the film. This project produced an amended video; developed project stationery, labels and promotional materials for distribution to a target audience of educators, design professionals, design and corporate organizations and media outlets; developed a Universal Design bibliography, organization list and calendar to distribute with the video; and supported distribution of the video itself.

Design for Housing Forum*Cooperative Agreement with the Neighborhood Reinvestment Corporation, Washington, DC***\$200,000**

The Design for Housing Forum organizes regional workshops for architects, non-profit developers, financiers, government officials, managers, and residents to discuss the role of design in the creation of affordable housing. "Faculty" presentations outline a comprehensive view of the housing delivery system – from policy through community planning, finance and development, design and construction, to maintenance and management – and identify points at which the intervention of design can and should influence the quality of the unit, building, site, and surrounding neighborhood. A resource workbook that examines the delivery system in detail within the context of design was created for use at Design for Housing forums and to disseminate to housing providers. Participants break into smaller groups and, placing their own communities' housing plans within the context of the larger delivery system, identify for themselves where design might afford them better housing products. Design for Housing has dealt with housing issues in cities across the U.S., including Hartford, Providence, Albany, Springfield, Brownsville, Dallas, and El Paso.

The Mayors' Institute on City Design (MICD)*Cooperative Agreement with the University of Virginia, Charlottesville, VA***\$200,000**

The Mayors' Institute on City Design (MICD) was established in 1986 to bring together mayors and design professionals to discuss specific problems facing cities and examine a broad range of design ideas, precedents, and improvement strategies. At each Institute, mayors present a case studies of critical issues facing their cities and resource team members—nationally-known architects, planners, and urban development experts—discuss the issues, offer suggestions, and propose possible solutions. Since its founding, more than 230 mayors representing cities in each of the fifty states and Puerto Rico have attended a national or regional meeting and taken home valuable advice on difficult urban design and planning issues. The national Institute hosts two meetings each year and oversees the operation of four regional Institutes created in 1990 to serve a wider range of cities in the Western, Midwestern, Southern, and Northeastern United States. The Institute produces an MICD Briefing Book and Meeting Summary for each meeting, publishes *CITY DESIGN*, the program's biannual newsletter, hosts city design sessions in conjunction with the U.S. Conference of Mayors and the National League of Cities, and assists participating cities with the planning of follow-up activities.

The Mayors' Institute on City Design: Northeast*Cooperative Agreement with the University of Maryland, College Park, MD
and Morgan State University, Baltimore, MD***\$35,000**

The Mayors' Institute on City Design (MICD): Northeast was established in 1990 to further the program goals and objectives of the national Mayors' Institute. MICD: Northeast hosts an annual Institute for mayors of small and midsize cities in the Midwestern United States. Regional Institutes follow the format of the national Institute—a Briefing Book and Meeting Summary are prepared for each meeting and the cooperator assists participating cities with the planning of follow-up activities.

The Mayors' Institute on City Design: Midwest*Cooperative Agreement with Washington University, St. Louis, MO***\$35,000**

The Mayors' Institute on City Design (MICD): Midwest was established in 1989 to further the program goals and objectives of the national Mayors' Institute. MICD: Midwest hosts an annual Institute for mayors of small and midsize cities in the Midwestern United States. Regional Institutes follow the format of the national Institute—a Briefing Book and Meeting Summary are prepared for each meeting and the cooperator assists participating cities with the planning of follow-up activities.

The Mayors' Institute on City Design: West*Cooperative Agreement with the University of California at Berkeley, Berkeley, CA***\$35,000**

The Mayors' Institute on City Design (MICD): West was established in 1990 to further the program goals and objectives of the national Mayors' Institute. MICD: West hosts an annual Institute for mayors of small and midsize cities in the Western United States. Regional Institutes follow the format of the national Institute—a Briefing Book and Meeting Summary are prepared for each meeting and the cooperator assists participating cities with the planning of follow-up activities.

Your Town: Designing its Future

*Cooperative Agreement with the National Trust for Historic Preservation,
Washington, DC in cooperation with the landscape architecture faculty of
The State University of New York at Syracuse, Syracuse, NY*

\$95,350

Your Town is improving the design of rural areas and small towns through a series of workshops for community leaders. Aided by advisors, participants examine various issues and techniques affecting their communities such as growth management and sprawl, land use, historic preservation, housing, and the deterioration of downtown. Through visual assessment, natural and cultural resource inventory and analysis, and hands-on case studies, participants work through specific design problems, develop solutions, and make presentations similar in format to a charrette. Workshops have been held in Bozeman, MT, for the northwest, Nashville, TN, for the mid-south, Prescott, AZ, for the southwest, and Aurora, New York. Future workshops are planned for communities in other regions.

Federal Facilities Council

Interagency Agreement with the Department of State, Washington, DC

\$20,000

Since 1983, the Design Program has been a member of the Federal Facilities Council (formerly the Federal Construction Council), which is comprised of 18 federal agencies that are responsible for the federal government's built environment. The council is a forum for federal agencies to conduct research on design and construction issues and to exchange ideas and practices on improving federal facilities design, construction, management, and maintenance. During the year, the Council published three studies: *THE USE OF PARTNERING IN THE FACILITIES DESIGN PROCESS*, *THE USE OF COMPUTERS IN FACILITIES/INSTALLATIONS PLANNING*, *CONTINUING EDUCATION FOR CONSTRUCTION PROFESSIONALS*.

Department of Education Direct Student Loan Program

*Interagency Agreement with the Department of Education, Washington, DC
and Cooperative Agreement with the National Building Museum, Washington, DC*

\$100,000

The Design Program is assisting the Department of Education develop and implement an integrated communications and marketing program for the new Direct Student Loan Program. The project includes developing an identity and brand name for the product, advertising, direct marketing, and public relations. To accomplish the program's objectives and help make the direct loan program the number one government source for educational loans, the Design Program established a four-person peer advisory committee and organized a limited design competition to select a top quality communications and marketing firm. The first printed products with the new identity appeared in September 1994.

Public Service Design Abroad Conference

*Interagency Agreements with the General Services Administration/Public Buildings Service, \$7,000
Department of the Interior, National Park Service, and Department of Transportation/
Federal Highway Administration, and Cooperative Agreement with
Partners for Livable Communities, Washington, DC*

The Design Program organized a three-day conference at the National Gallery of Art in Washington, DC, on public service design abroad bringing policy makers, design managers, and practitioners from Europe and Japan to present and discuss with their U.S. counterparts innovative technologies, design processes, and successful projects shaping contemporary public service design in Europe and Japan. The program included almost two dozen presentations on public works projects ranging from urban design and architecture to graphic design and product design. Keynote speakers were Fumihiko Maki, Santiago Calatrava, Sir Richard Rogers, and Barcelona's Mayor Pasqual Maragall. Case studies of the most of the projects presented at the conference and panel discussion comments along with other examples of good public design both abroad and in the U.S. were presented in the summer 1994 issue of *Places* magazine.

Leadership Initiatives Funded Prior to Fiscal 1994

The following Leadership Initiatives did not receive fiscal 1994 funding but continued to benefit from Design Program involvement and previous years' funding:

Design/Law Task Force

Cooperative Agreement with the National Building Museum, Washington, DC

The Design/Law Task Force was formed to research laws that have a widespread impact on the shape, texture, and livability of the cities, suburbs, and rural areas across the U.S. The impact, both intended and unintended, of these laws has not been the subject of comprehensive study. The Program selected experts in areas including zoning, subdivision regulation, site plan review, building code requirements, design guidelines and review, historic preservation ordinances, infrastructure, and environmental standards. These experts collected representative laws from around the country, analyzed their effect on the built environment, and recommended the changes that are necessary for significant improvement. Edited by Jerold Kayden of the Lincoln Institute on Land Policy, the result of the study will be a manuscript ready for publication by a commercial publisher in 1994-95.

Visual Simulation Video

Cooperative Agreement with Environmental Images, Inc., Alexandria, VA

This project produced an introductory video on computer-based visual simulation to help elected officials, staff, and citizens evaluate design alternatives before investing in physical change. "LOOKING AT CHANGE BEFORE IT OCCURS." demystifies the process of simulation and shows a wide range of applications from both public and private sectors. The cooperator also produced a distribution plan and a companion brochure that provides viewers with additional information on the technology and encourages them to become more critical users of it. Design Access, the Design Program's outreach service, is promoting and distributing the 17-minute VHS video to non-profit organizations, agencies and schools of design.

Design Management Case Studies

Cooperative Agreement with Design Management Institute, Boston, MA

To develop case studies on corporate design management that can be integrated into business school curricula. Following the case method used at the Harvard Business School, DMI has engaged case writers who work closely with business professors to undertake field-based research, the drafting and classroom testing of cases, and the preparation of teaching notes. This cooperative agreement resulted in a five-year plan for the Institute's case development program and eight published cases, focusing on such topics as design for disassembly, relaunching a product, design in brand identification, and the use of interdisciplinary teams for design and technology management. DMI is now marketing and distributing these materials to business schools across the country. Through this agreement and previous awards, the Design Program has supported the creation of DMI's initial library of 15 case studies.

Design for Business*Cooperative Agreement with Carnegie-Mellon University, Pittsburgh, PA*

To produce pilot materials, undertake market research and develop treatments for a series of video tapes and companion print materials aimed at CEOs and managers in small- to medium-sized companies (revenues of \$2-200 million). The purpose of the proposed series, entitled "Design for Business," is to help business leaders understand product design, its role in economic competitiveness, and strategies for implementing sound design management practices. With assistance from the Carnegie Mellon University School of Business, industrial design professor Dan Droz surveyed 2,000 manufacturing executives selected from Dun & Bradstreet lists, sent the pilot materials with a questionnaire to 200 respondents, and conducted focus groups. With the assistance of a professional TV producer, Mr. Droz developed treatments for three videos on the following topics: developing the right product, compressing lead times, and positioning by design. Production funds are now being sought.

U.S. Design Council and Office of Federal Design Quality*Cooperative Agreement with Community Ventures, Washington, DC*

In June 1993, the Design Program organized a meeting to explore the formation of a U.S. Design Council and Office of Federal Design Quality. A group of 30-35 designers, business and industry representatives, design and business/management educators, and federal government officials were invited to a three-day conference/workshop in Washington to explore the formation of a U.S. Design Council and Office of Federal Design Quality. The directors of design councils in Britain, Denmark, Barcelona, Japan, and Taiwan made presentations on their activities and organizational structure. Participants then developed scenarios on the mission, structure, activities, funding and implementation of a U.S. design promotion organization. This meeting was followed by a presentation and discussion of the subject at the International Design Conference in Aspen and informal discussions with members of the design and business community throughout the year. In March 1994, the chairs of the four working groups made their final recommendations and proposed a White House Council on Design. The proposal is now being circulated for comment.

The Mayors' Institute on City Design: South*Cooperative Agreement with Tulane University, New Orleans, LA*

The Mayors' Institute on City Design (MICD): South was established in 1990 to further the program goals and objectives of the national Mayors' Institute. MICD: South hosts an annual Institute for mayors of small and midsize cities in the Southern United States. Regional Institutes follow the format of the national Institute—a Briefing Book and Meeting Summary are prepared for each meeting and the cooperator assists participating cities with the planning of follow-up activities.

Rural Design Demonstration Project

*Interagency Agreement with the Soil Conservation Service (SCS),
U. S. Department of Agriculture.*

This program is helping rural citizens diversify their economies, conserve important natural resources and enhance the quality of the places where they live and work by demonstrating the benefits of involving landscape architects in rural conservation and development projects. During 1991-93, the Soil Conservation Service and National Endowment for the Arts placed landscape architects in three multi-county Resource Conservation and Development Areas in Georgia, Iowa and Utah. The designers used low-cost, computer-based visual simulation technology and landscape assessment techniques to involve citizens in articulating environmental values and envisioning design alternatives. This project is producing a booklet and video documenting the variety of community development and resource conservation projects assisted by the designers. SCS will distribute these materials to conservation districts, elected officials in rural counties and small towns, state rural development councils, and other agencies and organizations serving rural America.

National Register of Peer Professionals

Interagency Agreement with the General Services Administration, Washington, DC

This program is the result of a successful pilot program in 1993 in which peer review was used to assist in the design development of two new federal courthouses: one in Kansas City, MO, being designed by Ellerbe Becket and Abend Singleton, and the other in East Islip, NY, being designed by Richard Meier. With GSA, the Design Program has established a National Register of Peer Professionals to assist GSA select the best architects/engineers for major federal projects and to help review and evaluate design concepts for these facilities. In December 1993, the first peer review was used to select James Freed of Pei, Cobb, Freed & Partners as the designer of a new federal courthouse in Omaha. Current projects in which peer reviewers will participate include new courthouses in Brooklyn, Cleveland, Phoenix, Tucson, Brownsville, TX, and Lafayette, LA, and the new Food & Drug Administration campus in Montgomery County, MD. The goal of the program is to secure the best design talent possible to produce high quality federal facilities that will help the government improve productivity and services and to enhance the public realm.

U.S. Courthouse, Beckley, WV

Interagency Agreement with the General Services Administration, Washington, DC

The Design Program organized a limited design competition among four of the design firms responding to the announcement (RFQ) in the Commerce Business Daily to design a new \$30 million federal building and courthouse in Beckley, WV. The competition, held in August 1994, is a pilot project to try and develop a permanent GSA design competition program under which several projects would be identified each year for limited and open design competitions jointly organized by GSA and the National Endowment for the Arts.

HUD Plaza

*Interagency Agreement with the General Services Administration, Washington, DC, and
the Department of Housing and Urban Development, Washington, DC*

The Design Program organized a two-day charrette with a six person multi-disciplinary design and art team to develop criteria and guidelines for renovating the entrance plaza to internationally renown architect Marcel Breuer's headquarters for HUD in Washington, DC. The charrette took place the end of June 1994, and the charrette report will be published in October. Meanwhile, a design team has been selected to develop design concepts for presentation to the design team and three partnering federal agencies in December 1994.

Beltsville Conservation Center

Interagency Agreement with the U.S. Department of Agriculture, Soil and Conservation Service, Washington, DC

In September 1993, the Design Program organized a two-day charrette with a five person multi-disciplinary design team to establish a set of design priorities and guidelines for the development of a national conservation and education center in Beltsville, MD. The charrette report was published in December 1993. The SCS will now enter into a new interagency agency with the Design Program to select a design team to develop a master plan for the site based on the recommendations and guidelines of the charrette team.

Southwest Gateway Project

Interagency agreement with the Bureau of Engraving and Printing, Washington, DC

Using guidelines developed in a previous charrette for the Bureau of Engraving and Printing (BE&P), the Design Program is assisting BE&P in hiring an appropriate design team to develop concepts and implement a final design to enhance the architectural appearance and improve the functional use of the BE&P's properties along 14th, C, and Streets, SW as appropriate to their location at the Southwest Gateway to the Capital and to provide a vista on 14th Street that is in harmony with its neighbors.

1994 GSA Design Awards

Interagency Agreement with the General Services Administration, Washington, DC

The Design Program is again assisting the General Services Administration organize and implement its 1994 design awards program. The Design Program's primary responsibility is organizing and administering the jury process. The Program also is arranging a half-day forum/discussion between the jury and GSA officials the day of the awards ceremony in Washington to review the state of GSA design and ways to improve it. The awards will be presented in late November 1994.

Design for Transportation

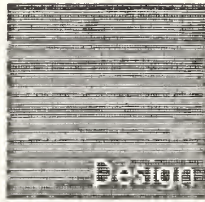
Interagency Agreement with the Department of Transportation, Washington, DC

The Design Program is reestablishing and implementing a national transportation design awards program for Department of Transportation. The program includes transportation and transportation-related projects done by the public (e.g., federal, state and local governments) and private sectors. It is anticipated that the awards will be presented in the fall of 1995 and will include a book on the award-winning projects.

Indian Housing Guide

A joint Design Program project with the Department of Housing and Urban Development Office of Native American Programs, Washington, DC, and the American Indian Council of Architects and Engineers, Albuquerque, NM

A series of workshops with Native Americans was organized to determine how their social, spiritual, and cultural values could be incorporated into the design of low-cost and moderate Indian housing. The information gathered at the workshops and other research on Native American cultures was then used to produce *OUR HOME: GIVING FORM TO TRADITIONAL VALUES*, a guidebook to help incorporate traditional Native American cultural and spiritual elements of life into housing forms. HUD is distributing 3,000 copies of the guide to Indian Housing Authorities, tribal authorities, and designers working on Indian housing and will seek to produce several model houses based on the guidelines. A companion guide entitled *OUR HOME: BUILDINGS OF THE LAND, ENERGY-EFFICIENCY DESIGN GUIDE FOR INDIAN HOUSING* was produced and is being distributed by HUD and the Department of Energy/National Renewable Energy Laboratory.



For additional information about applying for a design grant or to learn more about the grants awarded by the Design Program since 1967, contact:

Design Access
401 F Street, NW
Suite 322
Washington, DC 20001

Design Access is an interdisciplinary design information center. Its resources are available through databases and a library collection. Design Access makes available abstracts of all grants awarded by the National Endowment for the Arts' Design Program and information on design organizations nationwide that act as non-profit, professional, academic and advocacy resources. All information is offered free of charge to the public. In 1995 Design Access' information data bases will be available on-line.

